We claim:-

A process for the production of leather, wherein pelts, pickled pelts or semifinished products are treated with at least one polymer which is obtainable by copolymerization of at least one ethylenically unsaturated dicarboxylic anhydride (A), derived from at least one dicarboxylic acid of 4 to 8 carbon atoms, at least one vinylaromatic compound (B) and optionally at least one ethylenically unsaturated monomer (C) differing from
 (A) and having at least one hetero atom, reaction with at least one compound (D) of the formula I a or I b

$$HO = \begin{pmatrix} A^1 \\ O \end{pmatrix}_{n} R^1$$
 $H_2N = \begin{pmatrix} A^1 \\ O \end{pmatrix}_{n} R^1$
 IB

at least 0.55 equivalent, based on (A), of (D) being used,

and optionally hydrolysis with water or aqueous alkaline solution,

in formulae I a and I b the variables being defined as follows:

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- A¹ are identical or different and are C₂-C₆-alkylene
- R¹ is linear or branched C₁-C₂₀-alkyl and
- n is an integer from 6 to 200.
- 25 2. A process as claimed in claim 1, wherein the polymer is treated with water or aqueous alkaline solution before use.
 - 3. A process as claimed in claim 1 or 2, wherein (B) is styrene.
- 4. A process as claimed in any of claims 1 to 3, wherein the molar ratio of (A) to (C) is from 1:0 to 1:10.
 - 5. A process as claimed in any of claims 1 to 4, wherein the molar ratio of (A) to [(B) + (C)] is from 2:1 to 1:20.

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6. A process as claimed in any of claims 1 to 5, wherein (C) is selected from ethylenically unsaturated C₃-C₈-carboxylic acid derivatives of the formula II

$$R^{2}_{\overline{Z}_{2}}$$
 O OR^{4}

acrylamides of the formula III

$$R^{2}_{\overline{Z}_{3}} = N$$

$$R^{4}$$

$$R^{3}$$

$$R^{4}$$

$$R^{3}$$

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acyclic amides of the formula IV a or cyclic amides of the formula IV b

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 C_1 - C_{20} -alkyl vinyl ethers, N-vinyl derivatives of nitrogen-containing aromatic compounds, α,β -unsaturated nitriles, alkoxylated unsaturated ethers of the formula V

$$R^7$$

 $R^8O-(CH_2)$, R^6

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esters or amides of the formula VI

unsaturated esters of the formula VII

$$R^{2}_{Z_{\overline{A}}}$$
 O R^{9} VII

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in the formulae the variables being defined as follows:

R² and R³ are identical or different and are selected from hydrogen and straightchain and branched C₁-C₁₀-alkyl,

10 R⁴ are identical or different and are selected from hydrogen and branched and straight-chain C₁-C₂₂-alkyl,

R⁵ is hydrogen or methyl,

x is an integer from 2 to 6,

y is an integer selected from 0 and 1,

15 a is an integer from 0 to 6,

R⁶ and R⁷ are identical or different and are selected from hydrogen and straightchain and branched C₁-C₁₀-alkyl,

X is oxygen or N-R⁴

 R^8 is $[A^1-O]_0-R^4$,

20 R⁹ are identical or different and are selected from hydrogen and straightchain and branched C₁-C₁₀-alkyl

and the remaining variables are as defined above.

- 7. A process as claimed in any of claims 1 to 6, wherein the hydrolysis is carried out at from 15 to 100°C.
 - 8. A process as claimed in any of claims 1 to 7, wherein the polymers are metered as an aqueous dispersion or solution.
- 30 9. A leather produced by a process as claimed in any of claims 1 to 8.

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- 10. The use of a leather as claimed in claim 9 for the production of articles of clothing or furniture or automotive parts.
- 11. An article of clothing, produced from or comprising leather as claimed in claim 9.
- 12. A piece of furniture produced from or comprising leather as claimed in claim 9.
- 13. An automotive part produced from or comprising leather as claimed in claim 9.